

METHOD AND INSTRUMENT FOR
DETERMINING THE DISTORTION ANGLES IN
TEXTILE FABRICS OR SIMILAR, WHETHER
FIXED OR IN MOVEMENT.

ABSTRACT

This invention concerns a method for determining the angles of oblique and arched distortion in a textile fabric or similar, with the use of at least one optical detector. It consists of: the acquisition, in digital form, of a real image of an area of the fabric or similar which is illuminated for just the time necessary to acquire the image; the possible rotation of the image; the storing of the image inside the optical detector; the application of appropriate algorithms to the image in order to increase the reliability of the results; and the determination of the angle of local distortion through analysis of the two-dimensional spectrum of the Fourier transformation, in order to calculate the distortion angles, starting from the angles of local distortion.

Fig. 4

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